

# Detecting Diseases Before Symptoms Because Well-Aging Matters.



## Automated Neuromelanin Analysis & Quantification Solution

# Heuron NM

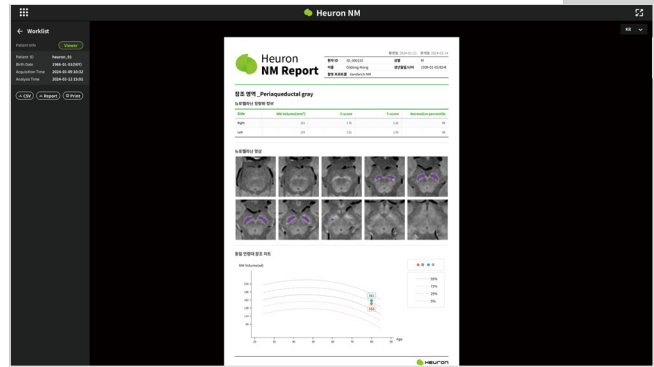
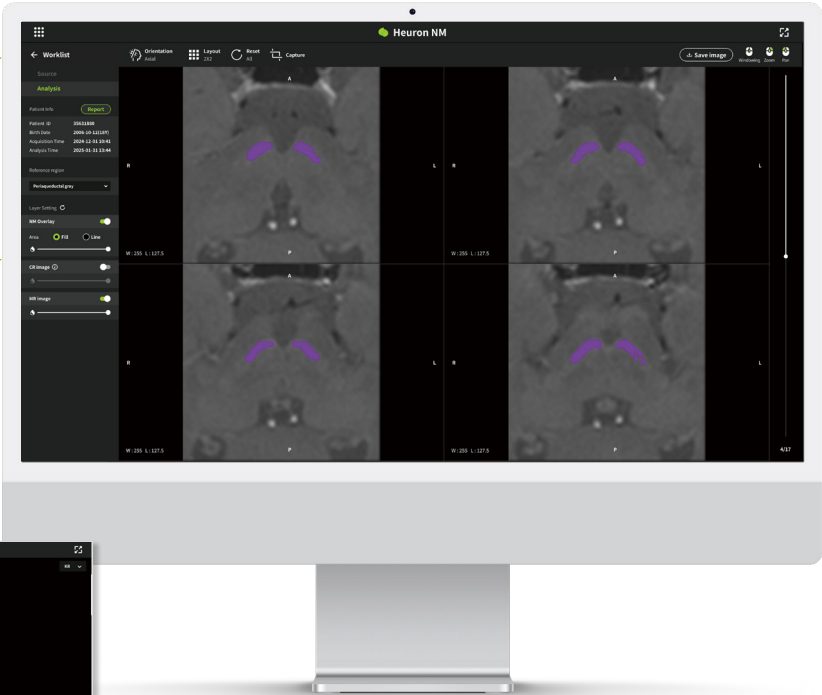
Korean MFDS Approved

### Automated Neuromelanin Segmentation

AI automatically detects the neuromelanin signal region within the substantia nigra to provide consistent analysis results.

### Neuromelanin Quantification

Provides the volume and changes of the neuromelanin region as quantitative metrics.



◀ NM Report Provided

PACS Integration

### More Precise with Automated AI Detection



The AI automatically segments and detects the neuromelanin signal region within the substantia nigra, providing consistent and highly accurate analysis results without variation.

### More Objective with Quantitative Metrics



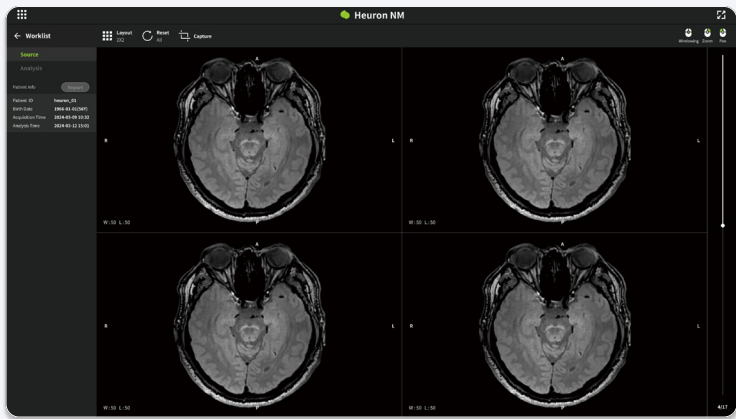
It provides the volume and changes of the neuromelanin region as quantified metrics, allowing for a highly intuitive comparison of the reduction rate against a healthy control reference using z-scores.

### Streamlined with Seamless Reports & Integration



The analyzed data is immediately provided in a visualized NM Report format and supports seamless integration with existing hospital PACS, significantly enhancing workflow efficiency in clinical settings.

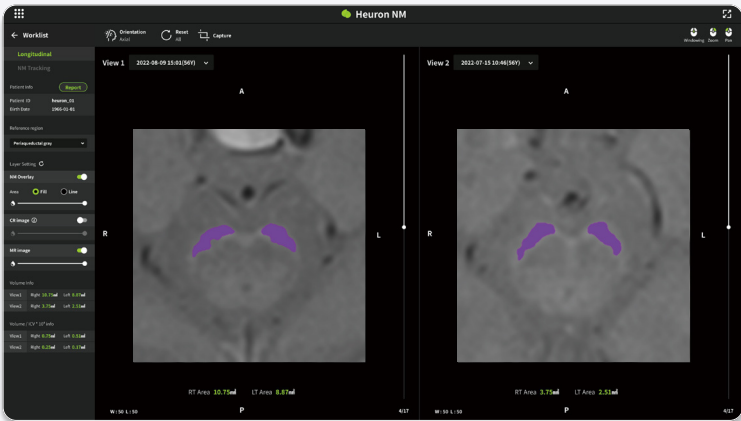
Providing Quantified Metrics for Neuromelanin Regions



Visual Precision

Intuitive Visualization of Neuromelanin Structure

By visualizing the neuromelanin region in a 3D structure, analysis results can be intuitively verified. Checking the spatial distribution along with quantitative metrics allows for a clear understanding of the condition of the neuromelanin region.



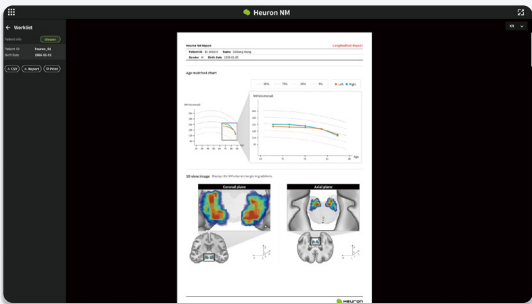
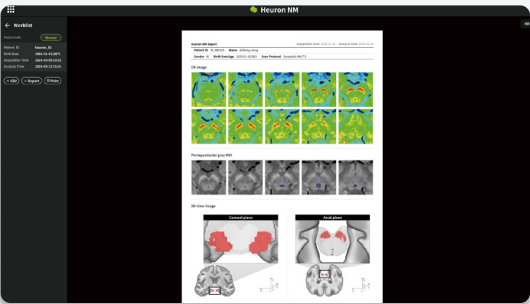
Longitudinal Tracking

Changes Over Time at a Glance

Heuron NM compares past and current exams to visualize and quantify changes in the neuromelanin region. Going beyond a single-point diagnostic aid, it provides actionable insights for monitoring patient-specific disease progression.

An Intuitive Guide to Help Patients and Caregivers Understand Heuron NM Report

- Presenting a color-visualized brain map instead of complex medical images
- Tracking longitudinal changes in neuromelanin-related metrics through comparison with previous exams
- Providing clear explanations that distinguish between natural age-related changes and conditions requiring further detailed examination



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